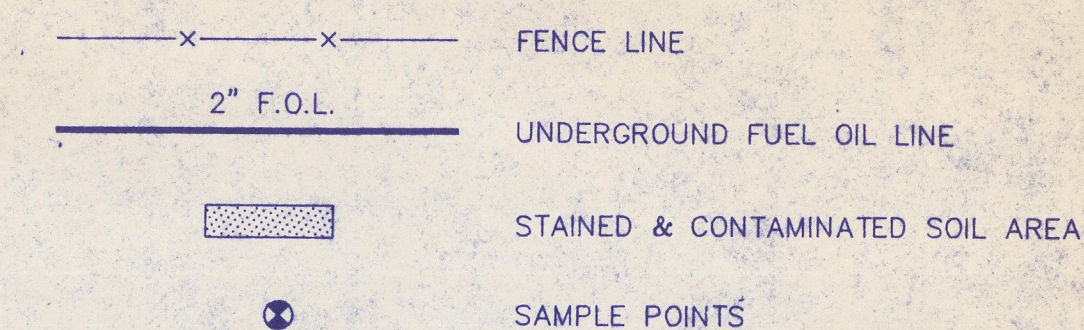


Diagram illustrating the layout of the North Sump area, showing excavation, contamination extent, and various pipes/wells.

Key features and dimensions:

- Excavation:** A large rectangular area is marked "EXCAVATE". A smaller area to the right is marked "EXCAVATE & REMOVED DRAIN LINE".
- Contamination:** A shaded area labeled "EXTEND OF CONTAMINATION NOT KNOWN" is located within the excavation area.
- Pipes and Drains:**
 - 4" Ø STEEL PIPE:** Multiple instances are shown, including an "OPEN END VENT 4" Ø STEEL PIPE" and a "4" Ø STEEL PIPE DRAIN LINE".
 - 8" Ø VITRIOUS CLAY PIPE - 3' LG. NORTH SUMP (VERTICAL PIPE):** Located on the right side of the diagram.
 - SHOP FLOOR 6" THICK:** Located on the right side of the diagram.
 - SHOP WALL:** Located on the right side of the diagram.
- Wells and Monitoring Points:**
 - G-1:** An "INJECTION WELL" located at the bottom left.
 - D-8, D-9:** Monitoring points located near the excavation area.
 - D-7:** A monitoring point located near the excavation area.
 - D-6, D-5, D-4:** Monitoring points located along the right side of the excavation area.
 - D-3:** A monitoring point located near the vertical pipe.
- Dimensions:**
 - Overall width: 80'
 - Overall height: 11'
 - Excavation width: 8' Ø
 - Excavation depth: 7'
 - Vertical pipe length: 3'
 - Shop floor thickness: 6" THICK
 - Shop wall height: 2'
 - Vertical pipe height: 1'-2'
 - Ground water level: @12'-15'±

LEGEND



40' 30' 20' 10' 0 30
SCALE: 1" = 30'-0"

- 1) CORE DRILL THROUGH CONCRETE FLOOR. TAKE SOIL SAMPLES, D-1 AND D-3, 1' BELOW DRAIN LINE. (SAMPLES D-2 IF PRESSURE TEST ON DRAIN LINE FAILS)
- 2) EXCAVATE & REMOVE DRAIN LINE OUTSIDE OF BUILDING 323. TAKE SOIL SAMPLES, D-4, D-5, D-6 AND D-7 1'-2' BELOW DRAIN LINE @20" INTERVAL.
- 3) EXCAVATE ABOVE INJECTION WELL & TAKE SAMPLES AS FOLLOWS:
 - A) 8"ø x 6' DEEP, SOIL SAMPLES D-8
 - B) 8"ø x 10'TO 11' DEEP, SOIL SAMPLES D-9
 - C) 8"ø x 11' TO 15' DEEP (GROUNDWATER TABLE), GROUNDWATER SAMPLE G-1
- 4) SOIL SAMPLES S-1 THRU S-12 (SAMPLE DEPTH VARY)
- 5) SOIL SAMPLES A-1 THRU A-4, 9' BELOW GROUND SURFACE
- 6) GROUNDWATER SAMPLES G-2 & G-3 TAKE AT SURFACE OF GROUNDWATER TABLE
- 7) REFER TO WORK PLAN FOR SAMPLE COLLECTION & SAMPLE ANALYSIS PROCEDURES

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| DEPARTMENT OF THE INTERIOR BUREAU OF INDIAN AFFAIRS PHOENIX AREA OFFICE | | | |
| TITLE ROADS, YARDS, & BLDG. #323 & BLDG. #324 DRAIN LINE, INJECTION WELL & SOIL CLEAN UP | | | |
| DESIGNED BY B. PATEL | DRAWN BY R. DAYZIE | TRACED BY | CHECKED BY J. KRAUSE |
| APPROVED BY | | | PROJECT NUMBER |
| ENGINEERING CHIEF | | AREA FACILITY MGMT. OFFICER | |
| DATE 15 MAY 96 | | | |
| BRANCH OF FACILITIES MANAGEMENT PHOENIX, ARIZON | | FILE | 1 SHEETS 2 |